BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 89		Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.									
Measurements taken on											
		- do - 110 mm dia	m		6			6.00			
		Total Executed Quantity						**6.00**			
		Schedule B Quantity						**6.00**			
		Now To be Paid Qty						**6.00**	**468.72**	**2812.32**	
Item No 90		Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.									
Measurement taken on											
		do- 160mm dia	m		25			25.00			
		Total Executed Quantity						**25.00**			
		Schedule B Quantity						**25.00**			
		Now To be Paid Qty						**25.00**	**921.24**	**23031.00**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore
CONTRACTOR

ASSISTANT

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 91		Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. (P.No. 75/ I.No.11.50.2)									
Measurements taken on		04-04-2022									
			Nos.	4				4.00			
		Total Executed Quantity						**4.00**			
		Schedule B Quantity						**4.00**			
		Now To be Paid Qty						**4.00**	**9169.20**	**36676.80**	
Item No 92		KSRB-13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 Litre capacity) as per IS 12701 1996. Specification No. KBS 13.22 page no 96 item no 13.78									
Measurements taken on		27-05-2022									
		Present Bill Measuement									
			Each	2				2.00			
		Total Executed Quantity						**2.00**			
		Schedule B Quantity						**2.00**			
		Now To be Paid Qty						**2.00**	**7374.24**	**14748.48**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 93		KSRB-13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.2/ 13.3 page no 93 item no 13.24									
Measurements taken on											
			Each	12				12.00			
		Total Executed Quantity						**12.00**			
		Now To be Paid Qty						**12.00**	**186.84**	**2242.08**	
Item No 94		KSRB-13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.2/ 13.3 page no 93 item no 13.27									
Measurements taken on											
			Each	12				12.00			
		Total Executed Quantity						**12.00**			
		Schedule B Quantity						**12.00**			
		Now To be Paid Qty						**12.00**	**152.28**	**1827.36**	
Item No 95		KSRB-13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.6/ 13.3 page no 93 item no 13.33									
Measurements taken on											
			Each	4				4.00			
		Total Executed Quantity						**4.00**			
		Schedule B Quantity						**4.00**			
		Now To be Paid Qty						**4.00**	**362.88**	**1451.52**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore
CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 96		Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) page no 99 item no13.86.2 and 13.86.3 25mm nominal OD pipes									
			m								
		Vide Total executed Quantity from premeasurement Page no. 26						**20.00**			
		Schedule B Quantity						**20.00**			
		Now To be Paid Qty						**20.00**	**316.44**	**6328.80**	
Item No 97		KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11									
Measurements taken on											
			Pan	6				6.00			
		Total Executed Quantity						**6.00**			
		Schedule B Quantity						**6.00**			
		Now To be Paid Qty						**6.00**	**3786.48**	**22718.88**	
Item No 98		KSRB13-6.7-1 : Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet 100mm dia including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.16 / 13.3									
Measurements taken on											
			Each	**2**				2.00			
		Total Executed Quantity						**2.00**			
		Schedule B Quantity						**2.00**			
		Now To be Paid Qty						**2.00**	**763.56**	**1527.12**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BDA, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 99		Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.									
Measurements taken on											
		Short point upto 3m	Point	20				20.00			
		Total Executed Quantity						**20.00**			
		Schedule B Quantity						**20.00**			
		Now To be Paid Qty						**20.00**	**200.00**	**4000.00**	
Item No 100		Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.									
Measurements taken on											
		Medium point above 3m - 6m	Point	15				15.00			
		Total Executed Quantity						**15.00**			
		Schedule B Quantity						**15.00**			
		Now To be Paid Qty						**15.00**	**275.00**	**4125.00**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore
CONTRACTOR

ASSISTANT ENGINEER

30/06/22
ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 101		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary									
		25mm dia, 2mm thick	Rm								
		Vide Total executed Quantity from premeasurement Page no. 37						**69.40**			
		Schedule B Quantity						**69.40**			
		Now To be Paid Qty						**69.40**	**53.00**	**3678.20**	
Item No 102		Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.									
		19/20mm dia, 2mm thick	Rm								
		Vide Total executed Quantity from premeasurement Page no. 38						**67.95**			
		Schedule B Quantity						**67.95**			
		Now To be Paid Qty						**67.95**	**51.00**	**3465.45**	
Item No 103		Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.									
		25mm dia, 2mm thick	Rm								
		Vide Total executed Quantity from premeasurement Page no. 39						**46.82**			
		Schedule B Quantity						**46.82**			
		Now To be Paid Qty						**46.82**	**54.00**	**2528.28**	

Assistant Executive Engineer,
R.R. Nagar Sub-Division,
KRIDL, BBMP, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 104		Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due grove cutting in brick/stone/C.C wall									
Measurements taken on											
		1 - 3 Way	Each	16				16.00			
		Total Executed Quantity						**16.00**			
		Schedule B Quantity						**16.00**			
		Now To be Paid Qty						**16.00**	**95.00**	**1520.00**	
Item No 105		Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due grove cutting in brick/stone/C.C wall									
Measurements taken on											
		4 - 5 Way	Each	8				8.00			
		Total Executed Quantity						**8.00**			
		Schedule B Quantity						**8.00**			
		Now To be Paid Qty						**8.00**	**105.00**	**840.00**	
Item No 106		Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 .									
Measurements taken on											
		6AMP 3/5 and Switch	No	3				3.00			
		Total Executed Quantity						**3.00**			
		Schedule B Quantity						**3.00**			
		Now To be Paid Qty						**3.00**	**132.00**	**396.00**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 107		Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293									
Measurements taken on											
			Each	**4**				**4.00**			
		Total Executed Quantity						**4.00**			
		Schedule B Quantity						**4.00**			
		Now To be Paid Qty						**4.00**	**150.00**	**600.00**	
Item No 108		Supply and fixing/replacing of 6/16/32Amps electrical accessories on existing Switch board									
Measurements taken on											
		16Amps Combined switch and socket with	**No**	**6**				**6.00**			
		Total Executed Quantity						**6.00**			
		Schedule B Quantity						**6.00**			
		Now To be Paid Qty						**6.00**	**260.00**	**1560.00**	
Item No 109		Electronic stepped regulator.	**No**	**1**				**1.00**			
		Total Executed Quantity						**1.00**			
		Schedule B Quantity						**1.00**			
		Now To be Paid Qty						**1.00**	**205.00**	**205.00**	
Item No 110		Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments									
			Rm					**90.00**			
		Vide Total executed Quantity from premeasurement Page no. 40									
		Schedule B Quantity						**90.00**			
		Now To be Paid Qty						**90.00**	**20.05**	**1804.50**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore
CONTRACTOR

ASSISTANT ENGINEER

30/06/2016
ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

MEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 111		Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments									
			Rm								
		Vide Total executed Quantity from premeasurement Page no. 41						**31.08**			
		Schedule B Quantity						**31.08**			
		Now To be Paid Qty						**31.08**	**32.00**	**994.56**	
Item No 112		Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting									
Measurements taken on											
			Nos	**9**				9.00			
		Total Executed Quantity						**9.00**			
		Schedule B Quantity						**9.00**			
		Now To be Paid Qty						**9.00**	**300.00**	**2700.00**	
Item No 113		Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.									
Measurements taken on											
		300mm Sweep	**Each**	**1**				1.00			
		Total Executed Quantity						**1.00**			
		Schedule B Quantity						**1.00**			
		Now To be Paid Qty						**1.00**	**2600.00**	**2600.00**	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore
CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 1		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and site engineer in incharge							
Measurements taken on		03-01-2022, 7-01-2022							
		Footing							
		C1	Cum	6	2	2	1.50	36.00	
		SSM Excavation							
		Long wall	Cum	2	6.05	0.75	0.60	5.45	
			Cum	1	8.72	0.75	0.60	3.92	
			Cum	1	7.06	0.75	0.60	3.18	
		Short Wall	Cum	2	3.22	0.75	0.60	2.90	
			Cum	1	3.47	0.75	0.60	1.56	
			Cum	6	0.84	0.75	0.60	2.27	
			Cum	6	0.86	0.75	0.60	2.30	
		Retaining wall	Cum	1	2.50	1.00	2.50	6.25	
		Compound wall							
		Longer wall	Cum	1	18.9	0.5	0.85	8.03	
		Short wall	Cum	1	0.70	0.5	0.85	0.30	
		For sump	Cum	1	2.42	2.5	2.25	13.61	
							Total Executed Quantity	**85.76**	
							Qty Carried to Summary	**85.76**	

C & FC UK 7/1/2022

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 2		Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and site engineer in incharge							
Measurements taken on		07-01-2022 , 13-01-2022							
		C1	Cum	6	2	2	0.1	2.40	
		Compound wall							
		Longer wall	Cum	1	18.9	0.5	0.1	0.95	
		Short wall	Cum	1	0.70	0.5	0.1	0.04	
							Total Executed Quantity	**3.38**	
							Qty Carried to Summary	**3.38**	

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 3		Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and site engineer in incharge							
Measurements taken on		11-02-2022 , 14-02-2022							
		Footings							
		C1	Cum	6	2	2	0.15	3.60	
		SSM below							
		Long wall	Cum	2	9.15	0.75	0.15	2.06	
			Cum	1	8.72	0.75	0.15	0.98	
			Cum	1	7.06	0.75	0.15	0.79	
		Short Wall	Cum	2	4.62	0.75	0.15	1.04	
			Cum	1	4.17	0.75	0.15	0.47	
			Cum	6	0.84	0.75	0.15	0.57	
			Cum	6	0.85	0.75	0.15	0.57	
		Retaining wall	Cum	1	2.5	1.00	0.15	0.38	
		Compound wall							
		Longer wall	Cum	1	18.9	0.5	0.15	1.42	
		Short wall	Cum	1	0.7	0.5	0.15	0.05	
		For sump	Cum	1	2.42	2.5	0.10	0.61	
							Total Executed Quantity	**12.53**	
							Qty Carried to Summary	**12.53**	

CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 4		Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and site engineer in incharge							
Measurements taken on		21-02-2022 24-02-2022							
		Above SSM							
		Long wall	Cum	2	9.15	0.45	0.15	1.24	
			Cum	1	8.72	0.45	0.15	0.59	
			Cum	1	7.06	0.45	0.15	0.48	
		Short Wall	Cum	2	4.62	0.45	0.15	0.62	
			Cum	1	4.17	0.45	0.15	0.28	
			Cum	6	0.84	0.45	0.15	0.34	
			Cum	6	0.85	0.45	0.15	0.34	
		Compound wall							
		Longer wall	Cum	1	18.9	0.5	0.15	1.42	
		Short wall	Cum	1	0.7	0.5	0.18	0.05	
		Below Steps	Cum	1	4.80	0.9	0.15	0.65	
		Below Tiles	Cum	1	10.00	2.4	0.15	3.60	
		Deduction							
		Step Area	Cum	-1	4.80	0.95	0.15	-0.68	
		Triangular area	Cum	-1	6.25		0.15	-0.94	
					Triangular area=0.5*10*1.25=6.25				
							Total Executed Quantity	7.99	
							Qty Carried to Summary	7.99	

CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 5		Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications and site engineer in incharge							
Measurements taken on		28-02-2022		08-03-2022					
		SSM Footing							
		Below GL							
		Longer wall	Cum	2	9.15	0.45	0.45	3.71	
			Cum	1	8.72	0.45	0.45	1.77	
			Cum	1	7.06	0.45	0.45	1.43	
		Short Wall	Cum	2	4.62	0.45	0.45	1.87	
			Cum	1	4.17	0.45	0.45	0.84	
			Cum	6	0.84	0.45	0.45	1.02	
			Cum	6	0.85	0.45	0.45	1.03	
		Longer wall							
		Long wall	Cum	1	18.9	0.50	0.6	5.67	
		short wall	Cum	1	0.70	0.50	0.6	0.21	
							Total Executed Quantity	17.55	
							Qty Carried to Summary	17.55	

CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 6		Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and site engineer in incharge							
Measurements taken on		03-02-2022							
		Filling Available of							
		Earth Work Excavation	Cum					85.76	
		PCC for Footing	Cum					-12.53	
		SSM Footing	Cum					-17.55	
		Column Footings	Cum					-12.41	
							Total Executed Quantity	**43.27**	
							Qty Carried to Summary	**43.27**	

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 7		Conveying the excavated earth, Ashlars etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge							
Measurements taken on		05-03-2022							
		Excavation Earth	Cum						
		Filling Available of Excavated Earth							
							Total Executed Quantity		
							Qty Carried to Summary		

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 10		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaiton and site engineer in incharge							
Measurements taken on		5-03-2022							
		Footings							
		C1	Sqm	6	8			24.00	
		Column up to plinth beam	Sqm	6	1.2		0.5	5.40	
		For sump					0.75		
		Bottom slab	Sqm	1	9.84			1.48	
		Sump walls	Sqm	4	2.42		0.15	20.81	
			Sqm	4	2.20		2.15	18.92	
							2.15		
							Total Executed Quantity	**70.61**	
							Qty Carried to Summary	**70.61**	

CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 11		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and site engineer in incharge							
Measurements taken on		10-03-2022							
		Plinth Beam							
		Longer span	Sqm	4	10.05		0.45	18.09	
		Shorter Span	Sqm	6	4.82		0.45	13.01	
							Total Executed Quantity	31.10	
							Qty Carried to Summary	31.10	

CE & FC J.C. Nandan

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 12		Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and site engineer in incharge							
Measurements taken on		14-03-2022							
		Column Shuttering							
		Column	Sqm	6	1.2		3.05	21.96	
							Total Executed Quantity	21.96	
							Qty Carried to Summary	**21.96**	
								21.96	

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK: CONSTRUCTION AND IMPROVEMENTS OF TOILETS IN WARD NO.7 BYATARAYANAPURA

PREMEASUREMENT SHEET

First and Part Bill

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No. 13		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and site engineer in incharge							
Measurements taken on		18-03-2018							
		Lintels							
		Through lintels							
		Longer span	Sqm	4	9.15		0.15	5.49	
		Shorter Span	Sqm	4	4.82		0.15	2.89	
			Sqm	2	3.32		0.15	1.00	
		Lintels over partition wall							
			Sqm	2	8.72		0.15	2.616	
			Sqm	6	4.3		0.15	3.87	
		BEAMS							
		Longer Span	Sqm	4	12		0.3	14.4	
		Shorter Span	Sqm	6	4.82		0.3	8.68	
			Sqm	1	1.6	0.2		0.32	
							Total Executed Quantity	39.26	
							Qty Carried to Summary	39.26	

C & F C 18/3

CONTRACTOR ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Scanned by TapScanner